

Tom Santo

# SUSPENSION SLATE FRAME

curved shape  
allows for flex  
of entire frame

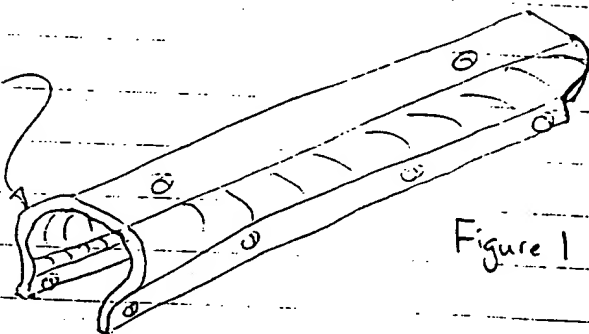
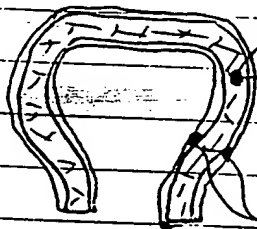


Figure 1

COLLAPSED



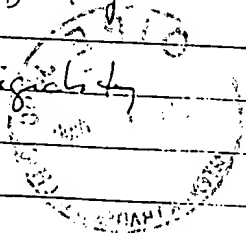
Foam core would reduce weight but may be stiff  
neothane core/shear layer  
may provide some dampening

glass/carbon

Figure 2

Max Load Applied By Skater = 600 lb (Tony T. jumping off loading dock)

Fiber Orientation: Binded for torsional rigidity



Tom Santa

2

COMPOSITE FRAME IN TITANIUM

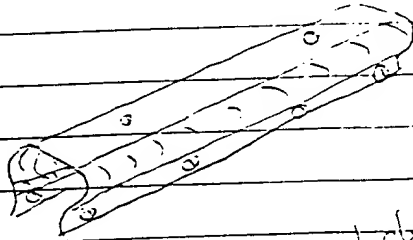
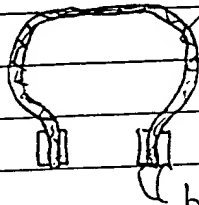


Figure 3

↓  
S  
P  
A  
C  
E  
↑



formed sheet  
Titanium

Figure 4

back up material to get  
proper thickness for wheel/spacer/fast  
spacing



VARIATION ON COMPLIANT FRAME

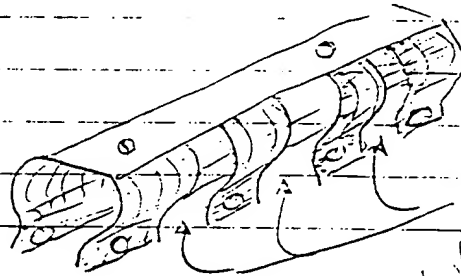


Figure 5

cut out between wheels to allow independent suspension of wheels.

↓  
suspension

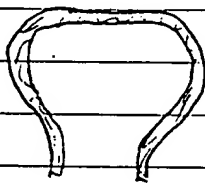


Figure 6

WITNESS: I HAVE READ AND UNDERSTAND  
THE CONCEPT HERE AND ASV  
PAGES 1 & 2.

ALL  
DREW A KRAH

